

Preliminary Amendment  
Serial No. 09/925,215  
Page 5 of 6

A3  
17. (newly added) The apparatus of claim 16 wherein the packetized data stream comprise packets of encoded video information.

18. (newly added) The apparatus of claim 14 wherein said means for computing the extent size further comprises multiplying the constant bit rate associated with each program multiplied by a respective service interval.—.

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REMARKS

The above amendments have been made to correct minor inadvertent grammatical and formal errors in the specification, as filed, and to add new claims.

Respectfully submitted,

3/12/02

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Preliminary Amendment  
Serial No. 09/925,215  
Page 6 of 6

**APPENDIX I**  
**Marked-up Version of the Amended Specification**

Beginning page 4, line 12:

FIG. 1 depicts a high level block diagram of a video server system 100 for storing and retrieving data. The system 100 of FIG. 1 finds great utility in, e.g., a video of demand (VOD) system, as described in U.S. Patent [Application] No. [08/984,710] 6,253,375, [filed December 3, 1997] issued June 26, 2001, and incorporated herein by reference. The system 100 comprises a server 102 and an array of storage disks 104<sub>1</sub>, 104<sub>2</sub> ... 104<sub>n</sub>, where n is an integer equal to the number of storage disks in an array used to store and retrieve data. The server 102 comprises an access controller 108, a data buffer 110, and a multiplexer (MUX) 112. Other components and features of the system 100 not essential to the invention are not discussed herein.

Beginning page 8, line 12:

Returning to FIG. 1, upon a request for delivery of programming to a user, the program extents are recalled from the disk drives by the access controller 108. The extents are buffered in buffer 110. Since the server 102 is simultaneously processing and fulfilling [request form] requests from many users, the access controller 108 interleaves the extent accesses of the various requested movies. Although the extents for a requested movie are generally accessed sequentially, they are not accessed contiguously. As such, a given movie's extents are placed in the buffer 110 interspersed with other movie's extents. In fact, to minimize buffer size, an extent for a given movie is not added to the buffer 110 until the previous extent has been read out of the buffer 110 and sent to the user.